

**Description** Lapox Polygrip is a special grade with extra light in colour synthetic rubber base adhesive. High bond strength can be achieved if used at appropriate environmental and processing conditions.

**Advantages** High bond strength  
Mild smell  
No harmful benzene

**Applications** Addition of jerry on Saris  
Adhesion of insulation material lining in Air Conditioning  
Adhesion of interior fabric lining attachment in luggage manufacturing  
Bonding of foam to rexin, metal and plastics in furniture  
Permanent bonding of leather to leather, leather to soles made of MCR, EVA, rubber; cork  
Securing PVC | Jute | Rubber carpets to floor  
Upholstery fixing, seat making, etc.

Typical specifications	Properties	Unit	Test method	Values
	Appearance	-	Visual	Yellow
	Density at 30°C	g/ml	-	0.82 - 0.87
	Viscosity at 30°C	c Ps	ASTM D2196	1,800 - 2,300
	Tack retention time <sup>1</sup>	Minutes	-	Max 30

<sup>1</sup>Tack retention time (open time) is generally measured after evaporation of solvent once adhesive applied in thin film. It may vary depending upon ambient temperature and humidity conditions.

**Process of application** **Surface preparation:** Ensure that substrates to be bonded are clean, dry and free from oil, grease and foreign particles such as dust and rust

**Application method:** Apply adhesive on both side the substrates by brush or appropriate machine. Allow evaporation of solvent from adhesive layer. The evaporation of solvent may take 5 minutes to 10 minutes, which depends upon ambient temperature and humidity. Assemble both the substrates with uniform contact pressure to achieve intimate contact without air pockets. The optimum bond strength is achieved after 24 hours

**Packaging** Lapox Polygrip is available in 20 ml and 40 ml tubes. Other packing may be considered on request.

**Storage and handling** Lapox Polygrip should be stored in cool and dry place away from moisture, heat and direct sunlight. It contains highly volatile solvents, which will release during application, processing and use. These volatile solvents are highly flammable, hence adhesive must not come in contact with heat, spark and necked flame. This product has a shelf-life of 1 year if stored in its original container between 2°C and 40°C away from humidity and excessive heat. Please refer to the Safety Data Sheet (SDS) for detailed instructions on storage and handling.

## Safety

Wear personal protective equipment (PPE). Avoid contact with the eyes and skin. In case of direct contact and irritation, it should be washed off immediately with soap and warm water. Proper ventilation must be provided to shop floor where adhesive is used. Avoid breathing vapours, mist or gas. Please refer to the SDS for detailed safety instructions.

## Spills and disposal

In case of spills, sweep up and shovel the spilled material. Keep spilled material in suitable, closed containers for disposal. Soak up with an absorbent such as clay, sand or other suitable material. Flush area with water to remove trace residue. Do not allow the product to reach the sewage system. Waste must be disposed of in accordance with federal, state or local regulations, as applicable.

## Contact

E-mail: [support\\_polymers@atul.co.in](mailto:support_polymers@atul.co.in)  
Website: [www.atul.co.in](http://www.atul.co.in)

## Note

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